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<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A SUBMISSION UNDER 35 U.S.C. 371</b>		ATTORNEY'S DOCKET NUMBER <b>FUJ00682P00700US</b> U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/593350</b>
INTERNATIONAL APPLICATION NO. PCT/JP2005/005241	INTERNATIONAL FILING DATE 03/23/2005	PRIORITY DATE CLAIMED 03/25/2004
TITLE OF INVENTION Heating Apparatus		
APPLICANT(S) FOR DO/EO/US Ichiro Ootomo et al.		
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:		
<p>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a submission under 35 U.S.C. 371.</p> <p>3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</p> <p>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</p> <p>5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ul> </p> <p>6. <input checked="" type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ul style="list-style-type: none"> <li>a. <input checked="" type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ul> </p> <p>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ul style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input checked="" type="checkbox"/> have not been made and will not be made.</li> </ul> </p> <p>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).</p> <p>9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). <b>unexecuted</b></p> <p>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</p>		
Items 11 to 20 below concern document(s) or information included:		
<p>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</p> <p>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</p> <p>13. <input checked="" type="checkbox"/> A preliminary amendment.</p> <p>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</p> <p>15. <input type="checkbox"/> A substitute specification.</p> <p>16. <input checked="" type="checkbox"/> A power of attorney and/or change of address letter.</p> <p>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13/er.2 and 37 CFR 1.821- 1.825.</p> <p>18. <input checked="" type="checkbox"/> A second copy of the published International Application under 35 U.S.C. 154(d)(4).</p> <p>19. <input checked="" type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4). <b>WO2005/093335 A1</b></p>		

This collection of information is required by 37 CFR 1.414 and 1.491-1.492. The information is required to obtain or retain a benefit by the public, which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 15 minutes to complete, including gathering information, preparing, and submitting the completed form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S.

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U.S. APPLICATION NO. (if known, see 37 CFR 1.5) <b>10/593350</b>	INTERNATIONAL APPLICATION NO. PCT/JP2005/005241	ATTORNEY'S DOCKET NUMBER FUJ00682P00700US
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## 20. Other items or information:

Form PCT/ISA/210 & English translation; cited references; Form PCT/ISA/220 (Notification of Transmittal of Int'l. Search Report and Written Opinion); PCT/ISA/237 (Written Opinion of the Int'l. Search Authority); PCT/IPEA/408 (Written Opinion of the Int'l. Preliminary Examining Authority); Form PCT/RO/101 (Request); sent via Express Mail Label No. EV 843642114 US

The following fees have been submitted		CALCULATIONS	PTO USE ONLY
21. <input checked="" type="checkbox"/> Basic national fee (37 CFR 1.492(a)).....		\$300	
22. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c))  If the written opinion prepared by ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 All other situations..... \$200		\$ 200.00	
23. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b))  If the written opinion of the ISA/US or the International preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4)..... \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the USPTO as an International Searching Authority..... \$100 International Search Report prepared by an ISA other than the US and provided to the Office or previously communicated to the US by the IB..... \$400 All other situations..... \$500		\$ 400.00	
<b>TOTAL OF 21, 22 and 23 =</b>		900.00	
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(j)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.			
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole number)	RATE
66 - 100 =	/50 =		x \$250
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		\$ 0	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE
Total claims	24 - 20 =	4	x \$ 50
Independent claims	2 - 3 =	-	x \$200
MULTIPLE DEPENDENT CLAIM(S) (if applicable)		-	+ \$360
		<b>TOTAL OF ABOVE CALCULATIONS =</b>	\$ 200.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by ½.			
		<b>SUBTOTAL =</b>	\$ 1,100.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		+ \$ 0	
		<b>TOTAL NATIONAL FEE =</b>	\$ 1,100.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$ 0	
		<b>TOTAL FEES ENCLOSED =</b>	\$ 1,100.00
		Amount to be refunded:	\$
		Amount to be charged	\$

10/59335U

PTO-1390 (Rev. 07-2005)  
Approved for use through 3/31/2007. OMB 0651-0021  
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a.  A check in the amount of \$ 1,100.00 to cover the above fees is enclosed.

b.  Please charge my Deposit Account No. 23-0785 in the amount of \$ \_\_\_\_\_ to cover the above fees. A duplicate copy of this sheet is enclosed.

c.  The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0785. A duplicate copy of this sheet is enclosed.

d.  Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.**

SEND ALL CORRESPONDENCE TO:

Wood, Phillips, Katz, Clark & Mortimer  
500 West Madison Street, Suite 3800  
Chicago, Illinois 60661-4592  
312-876-1800 (phone)  
312-876-2020 (facsimile)

  
\_\_\_\_\_  
SIGNATURE  
\_\_\_\_\_  
John S. Mortimer  
NAME  
\_\_\_\_\_  
30,407  
REGISTRATION NUMBER

10/593350

IAP9/Rec'd PCT/PTO 19 SEP 2006

Attorney Docket No.: FUJ00682P00700US

Applicant: Ichiro Ootomo et al.

For: Heating Apparatus

Serial No.: Unassigned

Filing Date: Herewith

**CERTIFICATE OF MAILING BY EXPRESS MAIL**

I hereby certify that the enclosed **National Stage Application** and any other documents referred to as enclosed herein, are being deposited in an envelope with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated below and addressed to:  
Commissioner for Patents, P.O. Box 1450, Alexandria Virginia 22313-1450.

Express Mail Label No.: EV 843642114 US

Date of Deposit: September 19, 2006

Typed/Printed

Name of Person Signing: Stephanie Frain

Signature:

*Stephanie Frain*

**10/593350**  
**IAP9/Rec'd PCT/PTO 19 SEP 2006**

PTO/SB/122 (01-06)

Approved for use through 12/31/2008. OMB 0651-0035  
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**CHANGE OF  
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Alexandria, VA 22313-1450

Application Number	Unassigned
Filing Date	Herewith
First Named Inventor	Ichrio Ootomo et al.
Art Unit	Unknown
Examiner Name	Unknown
Attorney Docket Number	FUJ00682P00700US

Please change the Correspondence Address for the above-identified patent application to:

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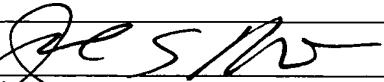
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I am the:

- Applicant/Inventor
- Assignee of record of the entire interest.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
- Attorney or agent of record. Registration Number \_\_\_\_\_.
- Registered practitioner named in the application transmittal letter in an application without an executed oath or declaration. See 37 CFR 1.33(a)(1). Registration Number 30,407

Signature



Typed or Printed Name John S. Mortimer

Date September 19, 2006 Telephone 312/876-1800

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of 1 forms are submitted.

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.